



TOWN OF BROOKLINE
Massachusetts
DEPARTMENT OF PUBLIC WORKS

Andrew M. Pappastergion
Commissioner

INTEROFFICE MEMORANDUM

To: BOARD OF SELECTMEN
TOWN OF BROOKLINE

From: ANDREW M. PAPPASTERGION,
COMMISSIONER OF PUBLIC WORKS

Date: SEPTEMBER 17, 2015

Re: **PW/15-09 DEMOLITION OF WASHINGTON ST. OVERPASS**
Waiver of the Noise Control By-Law
Columbus Day Weekend Oct 9-12

Cc: PETER DITTO, PE, Director, DPW-Engineering/Transportation
ALISON STEINFELD, Director, Planning and Community Development
COLIN O'HEARN, PE, Project Manager, NASDI

Attached herewith is a **Request from Demolition Contractor, NASDI, LLC, for a Waiver of the Town of Brookline's Noise Control By-Law** for the period of Columbus Day Weekend, beginning the evening of Friday, October 9 and running through the morning of Monday, October 12, 2015, in order to work without interruption, through both day and night, on the demolition and removal of the pedestrian overpass at Washington Street, pursuant to the terms of Contract PW/15-09 awarded and executed by the Board on August 25, 2015

NASDI's request letter details the demolition strategy, timeframe and sequence, all of which hinges on the continuous operation of multiple heavy machinery locations at the bridge site, taking advantage of a simultaneous closure of the Washington Street roadways and sidewalks. And as described, the demolition operation will generate noise during the night and early morning hours, due to the deployment of large-scale excavators equipped with crushing mechanisms that will actively cut, collapse, munch and move the concrete bridge materials. Efforts to mitigate night-time noise are valid and two-fold: 1) Accelerate demolition by working multiple fronts at the same time to reduce the duration; and 2) Pile demolition debris for loading and trucking off-site during day-time hours.

As required, the Contractor is prepared to present their waiver request at a **Selectmen's Public Hearing on Thursday evening, September 24, 2015**. In preparation for the Hearing the Engineering Division undertook a significant notification campaign, targeting those residents and businesses at the periphery of the overpass site that will be most affected by night-time noise. Specifically, direct mailings of the Public Hearing Notice were delivered to each and every residential unit at the abutting Brook House and Juniper Gardens Condominiums, as well as the Brookline Housing Authority apartments. The Notice was also published in The Brookline TAB, posted by the Town Clerk, listed on the Town's homepage calendar and published as a "Latest News" headline link to the DPW project's webpage.

The Department of Public Works considers this waiver critical to a successful bridge demolition, and would respectfully encourage the Board's full support of NASDI's Noise By-Law Waiver.

NASDI DEMOLITION | ABATEMENT | REMEDIATION

September 16, 2015

Mr. Neil Wishinsky, Chair
Board of Selectmen
Town of Brookline
333 Washington Street
Brookline, MA 02445

RE: PW/15-09 DEMOLITION of PEDESTRIAN OVERPASS at WASHINGTON STREET
Request for Waiver of the Town of Brookline Noise Control By-Law Oct 9-12, 2015

Dear Chair Wishinsky:

Waiver Request

In order to undertake the demolition of the cement concrete pedestrian overpass above Washington St. in the Town of Brookline, NASDI would formally request a waiver from the Town's Noise Control By-Law for the Columbus Day weekend, from 7:00PM (anticipating a 9:00PM roadway closure) on Fri, Oct 9, 2015 to 7:00AM on Mon, Oct 12, 2015.

Purpose

The demolition plan for the holiday weekend will focus exclusively on the removal of all bridge elements, structural beams, parapet walls and piers, above and within the Washington St. public way, which will be closed at the overpass site, located between the intersections with Pearl St. and Juniper St. and the Fire Station at High St., for the same timeframe to facilitate this work.

Reason

Efficiency and public safety govern this request to waive the Noise By-Law for this weekend duration. NASDI proposes segmental removal of the overpass with large excavators working from both the east and west sides of the bridge, starting with the northerly bridge structure linking Brookline Place, and working southerly across roadway.

Once work commences, it is fundamental that demolition continue unimpeded. The structural stability of the bridge spans will be unsafe during the demolition process, and for that reason, as well as heavy machinery access, the public way must remain closed, and work progress continuously and expeditiously until all concrete elements are grounded, crushed and cleared from the roadways and sidewalks.

Noise Generation and Mitigation

Noise will be an unavoidable result of the demolition operation, though levels are not anticipated to exceed the maximum noise levels for construction equipment, heavy machinery and trucking vehicles cited in the By-Law. To minimize the night-time noise levels, NASDI strives to reduce the duration of the demolition process by operating safely, methodically and continuously, maintaining six (6) active excavators positioned strategically between each of the three (3) piers supporting the structural spans. And to further reduce night-time noise, demolition debris will be piled at the south side of the site (off the roadways, between Juniper and Walnut Streets) where it can be easily loaded and trucked off-site during normal work-day hours in the course of the following week.

The NASDI team is committed to the successful demolition and removal of this concrete overpass, yet in a manner sensitive to the transportation demands and operational constraints of the site, in particular those of the adjacent residents, businesses, institutions, public safety facilities and active public ways. We bring to Brookline an impeccable track record of bridge removals, and seek the trust of this Board to complete the demolition task within the framework of a weekend Waiver of the Noise By-Law.

Respectfully,



Thomas P. Higgins
Executive Vice-President